



**ENGINEERING OPERATIONS COMMITTEE
MEETING MINUTES
FEBRUARY 6, 2003 - 9:00 A.M.
EXECUTIVE CONFERENCE ROOM**

Present: L. E. Tibbits J. Friend T. Anderson
 B. J. O'Brien C. Roberts M. VanPortFleet
 J. D. Culp T. Davies J. W. Reincke
 T. Fudaly

Absent: S. Bower

Guests: K. Kennedy R. S. Welke J. Mullins
 S. Phillips J. Ruskowski J. Schultz
 S. Mortel

OLD BUSINESS

1. **Approval of the Minutes of the December 5, 2002, Meeting - L. E. Tibbits**

Minutes of the December 5, 2002, meeting were approved.

2. **Guidelines for Use of Permanent Changeable Message Signs (CMS) for Child Abduction AMBER Alert Messages (See November 6, 2002, Minutes, New Business, Item 5) - J. Schultz**

The draft guidelines, which were developed in cooperation with the Michigan State Police, were given further review and additional background information was provided. The guidelines define the circumstances and the subsequent procedures that must be followed when using a changeable message sign to display a child abduction message. A bureau of highway instructional memorandum (IM) has been prepared and is ready for distribution.

ACTION: The guidelines are approved. The IM was signed and distribution will follow.

3. ***2003 Standard Specifications for Construction - J. Ruskowski***

Preparation of the 2003 spec book has been completed. A synopsis of significant changes was made available for review. A total of 36 supplemental specifications, 60 frequently used special provisions, and several non-frequently used special provisions were incorporated in the new book. The book has been delivered to the printer who is waiting for final instructions.

ACTION: The cover page will be signed by Director Gloria Jeff and publication will commence shortly thereafter.

NOTE: Special thanks to Judy for her diligent dedication, especially over the last couple of years to get this book updated, rewritten, and ready to be published. More thank yous need to be expressed to the spec book division chairs, their committee members, and the administrative support staff for many hours of consultation, review and document preparation.

NEW BUSINESS

1. **Pavement Selection, I-94 Reconstruction, CS 82022, JN 45686 - K. Kennedy**

The reconstruction alternates considered were a hot mix asphalt (HMA) pavement (Alternate 1 - Equivalent Uniform Annual Cost [EUAC] \$174,588/directional mile) and a jointed plain concrete pavement using a P1 modified concrete mix (Alternate 2 - EUAC \$148,159/directional mile).

A life cycle cost analysis was performed and Alternate 2 was approved based on having the lowest EUAC. The pavement design and cost analysis are as follows:

Alternate 2A (66.67 Percent of the Project) Reconstruct: Jointed Plain Concrete Pavement (4 Lanes)

12.25"	Jointed Plain Concrete Pavement (15' joint spacing)
9"	Jointed Plain Concrete Pavement (15' joint spacing) (Inside Shoulder)
16"	Open Graded Drainage Course (19.25" Inside Shoulder)
		Geotextile Separator
6"	Modified Open Graded Underdrains
28.25"	Total Thickness

Alternate 2B (33.33 Percent of the Project) Reconstruct: Jointed Plain Concrete Pavement (3 Lanes)

6"	Jointed Plain Concrete Pavement (15' joint spacing)
9"	Jointed Plain Concrete Pavement (15' joint spacing) (Inside Shoulder)
16"	Open Graded Drainage Course (19.25" Inside Shoulder)
		Geotextile Separator
6"	Modified Open Graded Underdrains
28.25"	Total Thickness

Present Value Initial Construction Costs \$1,525,279/directional mile
Present Value Initial User Costs \$720,692/directional mile
Present Value Maintenance Costs \$148,031/directional mile

2. **Change to Prequalification Categories - C. Rademacher and J. Mullins**

The prequalification categories have been amended and simplified. Categories that are no longer in the spec book have been removed. Some categories were updated to reflect the actual work being accomplished. Industry has reviewed and supported the changes.

ACTION: The new prequalification categories are approved.

3. **Phase II of MDOT's Storm Water Management Program - S. Mortel and S. Phillips**

The department must apply for the Phase II storm water management permit by March 10, 2003. Rather than obtaining 350 individual permits for identified urbanized jurisdictions, the department has negotiated for a single statewide permit for our storm water system. Much of the work for this permit will be done by consultants, but it will also require MDOT staff commitments. MDOT will need to develop new and updated operating procedures to implement permit obligations. We will be good stewards of the environment, while we maintain the ability to deliver and do what is promised.

ACTION: The necessary resources will be coordinated and made available to ensure and accomplish permit and program compliance.

(Signed Copy on File at C&T)

Jon W. Reincke, Secretary

Engineering Operations Committee

JWR:kar

cc:	EOC Members	C. Libiran	T. L. Nelson	R. J. Risser, Jr. (MCPA)
	Region Engineers	M. Frierson	D. A. Juntunen	A. C. Milo (MRBA)
	G. J. Jeff	L. Stornant	J. Steele (FHWA)	J. Becsey (MAPA)
	R. J. Lippert, Jr.	K. Rothwell	J. Murner (MRPA)	D. Hollingsworth (MCA)
	J. Ruszkowski	T. Phillips	M. Nystrom (AUC)	M. Newman (MAA)
	R. D. Till	K. Peters		